

FOR POOLS  
up to 90m<sup>3</sup>

OPERATES  
down to -15°C

4 versions  
AVAILABLE

**ES'XPERT**  
by **POOLEX**



## ES'XPERT SUM

### Elegant technology

- Upward ventilation
- Full Inverter technology
- Elegant and discreet design
- Indicative LED

HEAT PUMP GUARANTEED

3  
YEARS

COMPRESSOR GUARANTEED

7  
YEARS

TITANIUM COIL  
GUARANTEED AGAINST CORROSION

15  
YEARS

	SUM 35	SUM 50	SUM 65	SUM 80
Pool volume	30-45m <sup>3</sup>	40-55m <sup>3</sup>	50-70m <sup>3</sup>	65-90m <sup>3</sup>
COP air 15°C / water 26°C	7.38 ~ 4.95	7.45 ~ 4.96	7.72 ~ 4.97	7.68 ~ 4.98
Noise level at 10m (db(a))	<19 ~ <26	< 20 ~ <26	<20 ~ <28	<21 ~ <30



Vertical  
ventilation



Integrated  
Wi-Fi



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## TECHNICAL DATA

Es'Xpert Sum		Sum 35	Sum 50	Sum 65	Sum 80
Pool volume		30-45	40-55	50-70	65-90
Reference: P0		6W35-M	8W50-M	10W65-M	13W85-M
Air 26°C Water 26°C Hygro 70%	Max. output power (kW)	5.84	7.85	9.85	12.82
	Min. output power (kW)	1.33	1.79	2.24	2.92
	Power consumption (kW)	1.18~0.18	1.58~0.24	1.98~0.29	2.57~0.38
	COP	7.38~4.95	7.45~4.96	7.72~4.97	7.68~4.98
Air 26°C Water 26°C Hygro 80%	Max. output power (kW)	7.58	10.22	13.22	16.83
	Min. output power (kW)	1.73	2.33	3.01	3.83
	Power consumption (kW)	1.09~0.11	1.47~0.15	1.90~0.19	2.42~0.24
	COP	15.72~6.95	15.53~6.95	15.84~6.96	15.95~6.95
Power supply		220-240V~ /50Hz			
Heating temperature range		15~40°C			
Operating range		-15~43°C			
Max. power (kW)		1.85	2.68	3.65	4.06
Flow (m³/h)		2.5	3.5	4.5	5.5
Refrigerant		R32			
Packaging dimensions (mm)		600 x 455 x 690		610 x 570 x 765	700 x 700 x 863
Dimensions (mm)		414 x 414 x 576		552 x 525 x 641	652 x 625 x 741
Net/gross weight (kg)		35 / 45	39 / 49	51 / 56	62 / 72
Noise at 1 m (db(A))		<36~<45	<37~<46	<39~<47	<40~<49
Noise at 10 m (db(A))		<19~<26	<20~<26	<20~<28	<21~<30
Compressor type		Rotary		Twin rotary	
Compressor brand		MITSUBISHI			
Heat exchanger		Twisted Tech© Titanium			
Operation		Eco & Boost Inverter / Heating / Cooling/Automatic			
Pressure loss (mH2O)		1.1	1.1	1.1	1.1

## With its SUM HEAT PUMP, EAU'SHOP reinforces its tradition of excellence for all by combining technology, design and accessibility in partnership with POOLEX.

At the very heart of this Full Inverter pump, a Mitsubishi multi-frequency compressor and a variable speed fan that optimise its operation by varying its speed according to need and reducing power consumption. The low sound pressure of Full Inverter is further reduced by a Sawtooth fan that limits the friction of the air against the rotating impeller as well as a vertical ventilation.

Economic and sound advantages that make it easy to install your heat pump close to where you live. To achieve this, EAU'SHOP puts all the emphasis on the SUM casing. It is, in fact, encased in a powder-coated, UV-resistant metal shell. A sleek design with a neat finish, enhanced by a discreet chrome insert.

LED indicators provide both originality and information on the operating status of the heat pump, while the WiFi link allows you to control it remotely by sending you

essential information about your swimming pool. The SUM heat pump can be used all year round thanks to its dual anti-freeze system incorporating a patented Poolex heat exchanger and automatic defrosting by cycle inversion, enabling it to operate at outdoor temperatures as low as -15°C

Available in single phase models, the SUM has the capacity to heat up to 90% of all private pools. Aware of environmental issues, Eau'Shop only uses R32 refrigerant gas in its SUM heat pump. The brand also focuses on the durability of its equipment with easy access to main parts and availability of spare parts after the warranty period.

## The POOLEX : all accessories included



Isothermal cover for storage over winter



Maintenance kit & Manual



PVC connectors Ø50mm 1 1/2



Condensate discharge pipe



Support kit anti-vibration



Delivered on wooden pallets



For more information, visit  
[www.eaushop-piscine.com](http://www.eaushop-piscine.com)

AUTHORIZED RESELLER

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